

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



553866



(43) International Publication Date
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number
WO 2005/052553 A1

(51) International Patent Classification⁷: G01N 1/38, (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/SE2004/001729

(22) International Filing Date: 24 November 2004 (24.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 0303157-2 26 November 2003 (26.11.2003) SE

(71) Applicant (for all designated States except US): BOULE MEDICAL AB [SE/SE]; Box 42056, S-126 13 Stockholm (SE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): BERNNDTSSON, Ingemar [SE/SE]; Borevägen 9, S-191 43 Sollentuna (SE).

(74) Agent: EHRNER & DELMAR PATENTBYRÅ AB; Box 10316, S-100 55 Stockholm (SE).

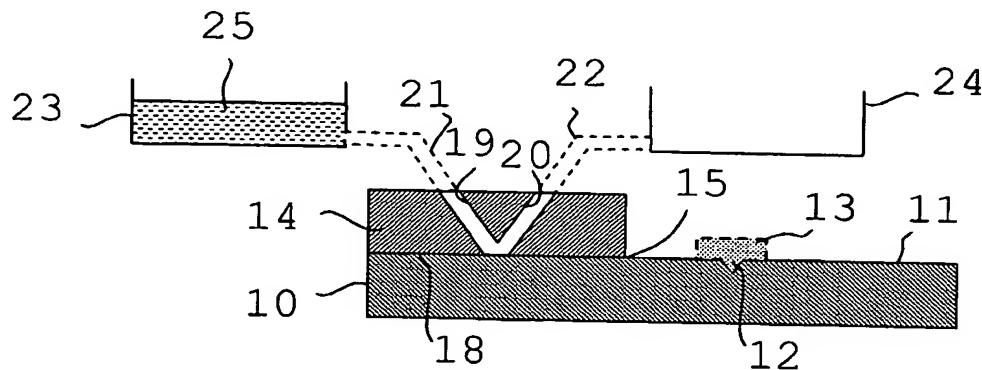
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD AND A DEVICE FOR DEFINING A SMALL VOLUME OF A LIQUID SAMPLE



WO 2005/052553 A1

(57) Abstract: A method and a device for separating a small defined volume of a liquid sample from a relatively large undefined volume of the sample. In a surface of a first body (10) at least one cavity (12) having said small defined volume is provided. The relatively large volume of sample is applied onto the surface and into the cavity. A scraping edge (15) is moved relative to the surface and the cavity, thereby scraping a volume of the relatively large volume from the surface and leaving said small defined volume in the cavity.